

Author Index (Vol. 73)

- Alves, C.S. and Mourão, P.A.S.
Interaction of high molecular weight chondroitin sulfate from human aorta with plasma low density lipoproteins (73) 113
- Apfelbaum, M., see Bertière, M.C. (73) 57
- Arbogast, B.W.
Purification and identification of very low density lipoprotein toxicity preventing activity (73) 259
- Arciniegas, E., Pulido, M. and Pereyra, B.
Growth response of endothelial and smooth muscle cells to a collagen matrix throughout development (73) 71
- Aviram, M.
The effect of platelets on macrophage lipoprotein metabolism (73) 269
- Baba, S., see Yoshino, G. (73) 191
- Benade, A.J.S., see Weight, M.J. (73) 1
- Berg, K., see Leren, T.P. (73) 135
- Bertière, M.C., Fumeron, F., Rigaud, D., Malon, D., Apfelbaum, M. and Girard-Globa, A.
Low high density lipoprotein-2 concentrations in obese male subjects (73) 57
- Beynen, A.C., Lemmens, A.G., De Vries, H. and Van der Meer, R.
Differential metabolic basis for the hypocholesterolemic effects of cholestyramine and pectin in rats (73) 87
- Bilyeu, D.S., see Zucker, M.L. (73) 13
- Bowyer, D., see Humphries, S. (73) 81
- Brown, W.V., see Gibson, J.C. (73) 45
- Busnach, G., see Franceschini, G. (73) 197
- Calabresi, L., see Franceschini, G. (73) 197
- Carbone, C., see Pauciullo, P. (73) 241
- Caruso, M.G., see Pauciullo, P. (73) 241
- Chien, S., see Lin, S.-J. (73) 223
- Christensen, L., see Fischer, S. (73) 161
- Cortese, C., see Pauciullo, P. (73) 241
- Dando, B., see Weight, M.J. (73) 1
- Daria Haust, M.
A brief "history" and aims of the International Atherosclerosis Society (IAS) (73) 273
- De Vries, H., see Beynen, A.C. (73) 87
- Dubois, D.Y., see Malmendier, C.L. (73) 173
- Dujovne, C.A., see Zucker, M.L. (73) 13
- Fincham, J.E., see Weight, M.J. (73) 1
- Fischer, S. and Christensen, L.
Immunohistochemical study of intimal protein deposits in the aging vascular wall of normo- and hypertensive patients (73) 161
- Foss, O.P., see Leren, T.P. (73) 135
- Franceschini, G., Busnach, G., Vaccarino, V., Calabresi, L., Gianfranceschi, G. and Sirtori, C.R.
Apheretic treatment of severe familial hypercholesterolemia: comparison of dextran sulfate cellulose and double membrane filtration methods for low density lipoprotein removal (73) 197
- Friedl, W., see Paulweber, B. (73) 125
- Frohlich, J., see Rabkin, S.W. (73) 233
- Fumeron, F., see Bertière, M.C. (73) 57
- Funahashi, T., see Nakajima, T. (73) 143
- Gianfranceschi, G., see Franceschini, G. (73) 197
- Gibson, J.C. and Brown, W.V.
Effect of lipoprotein lipase and hepatic triglyceride lipase activity on the distribution of apolipoprotein E among the plasma lipoproteins (73) 45
- Girard-Globa, A., see Bertière, M.C. (73) 57
- Gylling, H. and Miettinen, T.A.
A longitudinal study of cholesterol metabolism in familial hypercholesterolemia (73) 63
- Hamazaki, T., Urakaze, M., Sawazaki, S., Yamazaki, K., Taki, H. and Yano, S.
Comparison of pulse wave velocity of the aorta between inhabitants of fishing and farming villages in Japan (73) 157
- Harris, W.S., see Zucker, M.L. (73) 13
- Hatton, M.W.C., see Van der Heiden, R. (73) 203
- Hatton, M.W.C., see Winocour, P.D. (73) 215
- Hayden, M., see Rabkin, S.W. (73) 233
- Helmkamp, G.M., see Zucker, M.L. (73) 13
- Hjermann, I., see Leren, T.P. (73) 135
- Humphries, S. and Bowyer, D.
Regulation of function and level of expression of the LDL-receptor gene (CIBA Foundation Discussion Meeting) (73) 81
- Humphries, S.E., see Paulweber, B. (73) 125
- Imura, T., Yamamoto, K., Satoh, T., Mikami, T. and Yasuda, H.
Arteriosclerotic change in the human abdominal aorta in vivo in relation to coronary heart disease and risk factors (73) 149

- Iwai, M., see Yoshino, G. (73) 191
 Iwatani, I., see Yoshino, G. (73) 191
- Jan, K.-M., see Lin, S.-J. (73) 223
- Kanai, H., see Nakajima, T. (73) 143
 Kanzaki, T., see Morisaki, N. (73) 67
 Kasama, T., see Yoshino, G. (73) 191
 Kazatchkine, M.D., see Seifert, P.S. (73) 91
 Kazumi, T., see Yoshino, G. (73) 191
 Kennedy, J.H., Tedgui, A., Mesnildrey, P., Laborde, F., Lavergne, A. and Piwnica, A.
 Aortic ¹²⁵I-albumin transport in patients with Marfan's syndrome and annuloaortic ectasia (73) 33
 Kim, D.N., Scott, R.F., Schmee, J. and Thomas, W.A.
 Endothelial cell denudation, labelling indices and monocyte attachment in advanced swine coronary artery lesions (73) 247
 Kinlough-Rathbone, R.L., see Winocour, P.D. (73) 215
 Kobayashi, J., Nishide, T., Shinomiya, M., Sasaki, N., Shirai, K., Saito, Y. and Yoshida, S.
 A familial hyperalphalipoproteinemia with low uptake of high density lipoproteins into peripheral lymphocytes (73) 105
 Krempler, F., see Paulweber, B. (73) 125
 Kritchevsky, D., see Weight, M.J. (73) 1
 Kurata, Y., see Nakajima, T. (73) 143
- Laborde, F., see Kennedy, J.H. (73) 33
 Lavergne, A., see Kennedy, J.H. (73) 33
 Lemmens, A.G., see Beynen, A.C. (73) 87
 Leren, P., see Leren, T.P. (73) 135
 Leren, T.P., Hjermann, I., Berg, K., Leren, P., Foss, O.P. and Viksmoen, L.
 Effects of lovastatin alone and in combination with cholestyramine on serum lipids and apolipoproteins in heterozygotes for familial hypercholesterolemia (73) 135
 Lin, S.-J., Jan, K.-M., Schuessler, G., Weinbaum, S. and Chien, S.
 Enhanced macromolecular permeability of aortic endothelial cells in association with mitosis (73) 223
 Lombard, C.J., see Weight, M.J. (73) 1
 Lontie, J.-F., see Malmendier, C.L. (73) 173
- Malmendier, C.L., Lontie, J.-F., Sculier, J.P. and Dubois, D.Y.
 Modifications of plasma lipids, lipoproteins and apolipoproteins in advanced cancer patients treated with recombinant interleukin-2 and autologous lymphokine-activated killer cells (73) 173
 Malon, D., see Berti re, M.C. (73) 57
 Mancini, M., see Pauciullo, P. (73) 241
 Manis, G.S., see Rainwater, D.L. (73) 23
 Marais, M., see Weight, M.J. (73) 1
 Marotta, G., see Pauciullo, P. (73) 241
 Matsuba, K., see Yoshino, G. (73) 191
 Matsushita, M., see Yoshino, G. (73) 191
 Matsuzawa, Y., see Nakajima, T. (73) 143
 Mesnildrey, P., see Kennedy, J.H. (73) 33
- Miettinen, T.A., see Gylling, H. (73) 63
 Mikami, T., see Imura, T. (73) 149
 Moore, S., see Van der Heiden, R. (73) 203
 Morisaki, N., Kanzaki, T., Saito, Y. and Yoshida, S.
 Lack of inhibition of DNA synthesis by prostaglandin I₂ in cultured intimal smooth muscle cells from rabbits (73) 67
 Mour o, P.A.S., see Alves, C.S. (73) 113
 Mustard, J.F., see Winocour, P.D. (73) 215
 Muto, Y., see Seishima, M. (73) 39
 Mutoh, S., Nomoto, A., Sekiguchi, C. and Yamaguchi, I.
 Protective action of a calcium antagonist, nilvadipine, against aortic calcium deposition – a pathogenic factor in atherosclerosis (73) 181
- Nakajima, T., Nakamura, T., Funahashi, T., Kanai, H., Kurata, Y., Matsuzawa, Y. and Tarui, S.
 A novel system of LDL apheresis combining a centrifugal plasma separator with a specific LDL adsorption column (73) 143
 Nakamura, T., see Nakajima, T. (73) 143
 Nishide, T., see Kobayashi, J. (73) 105
 Noma, A., see Seishima, M. (73) 39
 Nomoto, A., see Mutoh, S. (73) 181
- Pauciullo, P., Rubba, P., Marotta, G., Carbone, C., Cortese, C., Caruso, M.G., Spampinato, N. and Mancini, M.
 Abnormalities in serum lipoprotein composition in patients with premature coronary heart disease compared to serum lipid matched controls (73) 241
 Paulweber, B., Friedl, W., Krempler, F., Humphries, S.E. and Sandhofer, F.
 Genetic variation in the apolipoprotein AI–CIII–AIV gene cluster and coronary heart disease (73) 125
 Pereyra, B., see Arciniegas, E. (73) 71
 Piwnica, A., see Kennedy, J.H. (73) 33
 Pulido, M., see Arciniegas, E. (73) 71
- Rabkin, S.W., Hayden, M. and Frohlich, J.
 Comparison of gemfibrozil and clofibrate on serum lipids in familial combined hyperlipidemiaA randomized placebo-controlled, double-blind, crossover clinical trial (73) 233
 Rainwater, D.L. and Manis, G.S.
 Immunochemical characterization and quantitation of lipoprotein (a) in baboonsDevelopment of an assay depending on two antigenically distinct proteins (73) 23
 Rand, M.L., see Winocour, P.D. (73) 215
 Rigaud, D., see Berti re, M.C. (73) 57
 Rubba, P., see Pauciullo, P. (73) 241
- Saito, Y., see Kobayashi, J. (73) 105
 Saito, Y., see Morisaki, N. (73) 67
 Sandhofer, F., see Paulweber, B. (73) 125
 Sasaki, N., see Kobayashi, J. (73) 105
 Satoh, T., see Imura, T. (73) 149
 Sawazaki, S., see Hamazaki, T. (73) 157
 Schmee, J., see Kim, D.N. (73) 247
 Schuessler, G., see Lin, S.-J. (73) 223
 Scott, R.F., see Kim, D.N. (73) 247

- Sculier, J.P., see Malmendier, C.L. (73) 173
 Seier, J.V., see Weight, M.J. (73) 1
 Seifert, P.S. and Kazatchkine, M.D.
 The complement system in atherosclerosis (73) 91
 Seishima, M., Noma, A., Torizawa, H. and Muto, Y.
 Changes of serum apolipoprotein levels after oral administration of fat in human subjects (73) 39
 Sekiguchi, C., see Mutoh, S. (73) 181
 Shinomiya, M., see Kobayashi, J. (73) 105
 Shirai, K., see Kobayashi, J. (73) 105
 Sirtori, C.R., see Franceschini, G. (73) 197
 Spampinato, N., see Pauciullo, P. (73) 241
 Stehbens, W.E.
 Cholesterol feeding and experimental atherosclerosis (73) 85
 Taki, H., see Hamazaki, T. (73) 157
 Tarui, S., see Nakajima, T. (73) 143
 Tedgui, A., see Kennedy, J.H. (73) 33
 Thomas, W.A., see Kim, D.N. (73) 247
 Torizawa, H., see Seishima, M. (73) 39
 Urakaze, M., see Hamazaki, T. (73) 157
 Vaccarino, V., see Franceschini, G. (73) 197
 Van der Heiden, R., Hatton, M.W.C. and Moore, S.
 Extraction and analysis of glycosaminoglycans from intima-media of single rabbit aortae: effect of balloon catheter de-endothelialization on the content and profile of glycosaminoglycans (73) 203
 Van der Meer, R., see Beynen, A.C. (73) 87
 Viksmoen, L., see Leren, T.P. (73) 135
 Weight, M.J., Benade, A.J.S., Lombard, C.J., Fincham, J.E., Marais, M., Dando, B., Seier, J.V. and Kritchevsky, D.
 Low density lipoprotein kinetics in African Green monkeys showing variable cholesterolaemic responses to diets realistic for westernised people (73) 1
 Weinbaum, S., see Lin, S.-J. (73) 223
 Winocour, P.D., Kinlough-Rathbone, R.L., Rand, M.L., Hatton, M.W.C. and Mustard, J.F.
 Thrombin binding to platelets from hypercholesterolaemic rats (73) 215
 Yamaguchi, I., see Mutoh, S. (73) 181
 Yamamoto, K., see Imura, T. (73) 149
 Yamazaki, K., see Hamazaki, T. (73) 157
 Yano, S., see Hamazaki, T. (73) 157
 Yasuda, H., see Imura, T. (73) 149
 Yoshida, S., see Kobayashi, J. (73) 105
 Yoshida, S., see Morisaki, N. (73) 67
 Yoshino, G., Kazumi, T., Kasama, T., Iwai, M., Iwatani, I., Matsuba, K., Matsushita, M. and Baba, S.
 Effect of CS-514 (pravastatin) on VLDL-triglyceride kinetics in rats (73) 191
 Zucker, M.L., Bilyeu, D.S., Helmkamp, G.M., Harris, W.S. and Dujovne, C.A.
 Effects of dietary fish oil on platelet function and plasma lipids in hyperlipoproteinemic and normal subjects (73) 13

Subject Index (Vol. 73)

- Abdominal aorta (73) 149
Acute phase proteins (73) 173
Advanced atherosclerosis (73) 247
Ageing (73) 63
Albumin (73) 223; (73) 259
Aortic calcification (73) 181
Apolipoprotein A-IV (73) 39
Apolipoprotein B-48 (73) 39; (73) 241
Apolipoprotein C-III (73) 45
Apolipoprotein E (73) 45
Apolipoprotein Lp(a) (73) 23
Apolipoproteins (73) 125; (73) 135
Apoproteins (73) 173
Arteriosclerosis (73) 259
Arteriosclerotic change (73) 149
Atherogenic diet (73) 1
Atherosclerosis (73) 67; (73) 91; (73) 181; (73) 203; (73) 223
Autocrine (73) 67
Bile acid synthesis (73) 63
Calcium antagonist (73) 181
Cancer therapy (73) 173
Cell-collagen interaction (73) 71
Cell cycle (73) 223
Cell polarization (73) 71
Cell proliferation (73) 67
Cholesterol (73) 149
Cholesterol synthesis (73) 63
Cholestyramine (73) 135
Chondroitin sulfate (73) 113
Chylomicron (73) 39
Clinical trial (73) 233
Clofibrate (73) 233
Complement system (73) 91
Coronary arteries (73) 247
Coronary artery disease (73) 259
Coronary heart disease (73) 125; (73) 149
CS-514 (pravastatin) (73) 191
De-endothelialized aorta (73) 203
Development (73) 71
Dextran sulfate apheresis (73) 197
Dissecting aneurysm (73) 33
Double filtration (73) 197
Eicosapentaenoic acid (73) 13
Elasticity (73) 149
Endothelial cell (73) 71; (73) 181
Endothelial cell denudation (73) 247
Endothelial junction (73) 223
Endothelium (73) 223
Epidemiology (73) 157
Extracellular matrix (73) 203
Familial combined hyperlipidemia (73) 233
Familial hypercholesterolemia (73) 63; (73) 135; (73) 143
Fat absorption (73) 39
Fish diet (73) 157
Fish oil (73) 13; (73) 157
Gemfibrozil (73) 233
Glycosaminoglycans (73) 113
HDL (73) 241
HDL-cholesterol (73) 105
HDL₂-HDL₃-cholesterol (73) 57
Hepatic triglyceride lipase (73) 45
HepG2 cell (73) 105
³H-labelled glycosaminoglycans (73) 203
Human aorta (73) 113
Hyperalphalipoproteinemia (73) 105
Hypercholesterolemia (73) 197; (73) 215
Hyperlipoproteinemia (73) 13
Hypersensitivity (73) 215
Hypertension (73) 149
Immunohistochemistry (73) 161
Indomethacin (73) 67
Inflammation (73) 91
Interleukin-2 (73) 173
Interstitial (73) 33
Intestine (73) 39
Intimal smooth muscle cells (73) 67
Intimal thickening (73) 161
Intima-media (73) 203
Ischemic heart disease (73) 157
LDL kinetics (73) 1
LDL receptor activity (73) 1
Lipids (73) 135; (73) 173
Lipoprotein (73) 269
Lipoprotein (a) (73) 23
Lipoprotein composition (73) 241
Lipoprotein lipase (73) 45
Lipoproteins (73) 13; (73) 113; (73) 135; (73) 173; (73) 259
Lovastatin (73) 135

- Low density lipoprotein (73) 143
Lymphocyte (73) 105
Macrophage (73) 269
Marfan's syndrome (73) 33
Mitosis (73) 223
Monocyte attachment (73) 247
 $n - 3$ fatty acids (73) 13
Obesity (73) 57
Permeability (73) 223
Plasma lipids (73) 13
Plasmapheresis (73) 143
Platelet aggregation (73) 13
Platelet function (73) 13
Platelets (73) 215; (73) 269
Premature coronary heart disease (73) 241
Prostaglandin I_2 (73) 67
Protein deposits (73) 161
Pulse wave velocity (73) 157
Rat VLDL (73) 191
Re-endothelialized aorta (73) 203
Restriction-fragment length polymorphisms (73) 125
Risk factor (73) 149
Serum lipids (73) 125; (73) 233
Swine (73) 247
Thrombin (73) 215
Triglyceride kinetics (73) 191
Triglycerides (73) 57
Triton WR1339 (73) 191
Ultrasonics (73) 149
Vervet monkey (73) 1
Vitamin D_3 (73) 181
VLDL (73) 57; (73) 259

